Calculating with Mixed Numbers

1

Work out $1\frac{3}{4} \times 1\frac{2}{5}$.

$\frac{7}{4} \times \frac{7}{5}$

$= \frac{\square}{\square}$

$= \square\frac{\square}{\square}$

Answer _____

2

Work out $2\frac{2}{3} \times 1\frac{1}{3}$.

$\frac{\square}{\square} \times \frac{\square}{\square}$

$= \frac{\square}{\square}$

$= \square\frac{\square}{\square}$

Answer _____

3

Work out $2\frac{1}{2} \div 1\frac{1}{3}$.

$\frac{\square}{\square} \div \frac{\square}{\square}$

$= \frac{\square}{\square} \times \frac{\square}{\square}$

Answer _____

4

Work out $3\frac{1}{3} \div 1\frac{1}{2}$.

Answer _____

5

Work out $1\frac{1}{2} + 2\frac{2}{3}$.

$\frac{3}{2} + \frac{8}{3}$

$= \frac{\square}{\square} + \frac{\square}{\square}$

$= \frac{\square}{\square}$

$= \square\frac{\square}{\square}$

Answer _____

6

Work out $1\frac{3}{5} + 2\frac{1}{2}$.

$\frac{\square}{\square} + \frac{\square}{\square}$

$= \frac{\square}{\square} + \frac{\square}{\square}$

$= \frac{\square}{\square}$

$= \square\frac{\square}{\square}$

Answer _____

7

Work out $3\frac{3}{4} - 1\frac{1}{3}$.

$\frac{\square}{\square} - \frac{\square}{\square}$

$= \frac{\square}{\square} - \frac{\square}{\square}$

Answer _____

8

Work out $4\frac{1}{5} - 1\frac{1}{2}$.

Answer _____

Calculating with Mixed Numbers *further practice*

9

Work out $5\frac{1}{3} - 2\frac{3}{4}$.

Answer _____

10

Work out $3 \times 2\frac{3}{4}$.

Answer _____

11

Work out $1\frac{1}{2} \times 2\frac{2}{3}$. Give your answer in its simplest form.

Answer _____

12

A roll of fabric is $7\frac{1}{2}$ m long.

Each cushion cover needs $1\frac{1}{4}$ m of fabric. How many cushion covers can be made from the roll?

Answer _____

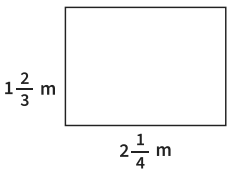
13

A walk is $4\frac{1}{2}$ km long. Ali has walked $1\frac{2}{3}$ km. How much further does Ali have to walk?

Answer _____

14

Find the area of the rectangle.
Give your answer in its simplest form.



Answer _____

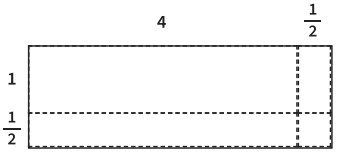
15

Which is bigger, $1\frac{2}{3} \times 1\frac{1}{2}$ or $1\frac{2}{3} + 1\frac{1}{2}$? Show how you know.

Answer _____

16

Jo works out $1\frac{1}{2} \times 4\frac{1}{2}$ as $1 \times 4 = 4$ and $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$, so $4\frac{1}{4}$.
Use the rectangle to explain why Jo is wrong. Find the right answer.



Answer _____